

ABSTRACT

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A decomposition method for effectively decomposing PFC at a low temperature and in safety by use of a chemically and intensively more stable reactant, a reactant for use therein and a decomposition apparatus therefor are provided.

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A perfluoro compounds decomposition method which comprises bringing a gas containing perfluoro compounds under heating into contact with a solid reactant, thereby fixing the fluorine component on said reactant, is characterized in that said reactant contains an alkaline earth metal compound and aluminum oxide.

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